

## INTERNATIONAL SEARCH REPORT

Rec'd PCT TO 21 DEC 2004

International Application No

PCT/EP

06/4518517

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 H01L21/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 H01L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

WPI Data, PAJ, EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 220 771 B1 (MAHNEKE PETER L ET AL) 24 April 2001 (2001-04-24) column 3, line 26 - line 34; figures 3,4 abstract column 3, line 40 - line 60 ---	1-13
X	US 6 027 602 A (HUNG CHING-CHANG ALEX ET AL) 22 February 2000 (2000-02-22) abstract; figure 1 column 3, line 29 - line 64 column 4, line 33 - line 63 column 5, line 17 - line 37 --- -/--	1-13

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

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- \*E\* earlier document but published on or after the international filing date
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- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the international search

22 October 2003

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03/11/2003

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# INTERNATIONAL SEARCH REPORT

International Application No.

PCT/EP 91/06441

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>EP 0 444 714 A (SEZ SEMICONDUCT EQUIP ZUBEHOER) 4 September 1991 (1991-09-04) abstract; figure 3 &amp; US 4 903 717 A (F. SUMNITSCH) 27 February 1990 (1990-02-27) cited in the application -----</p>	1-13

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No.

PCT/EP 06441

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 6220771	B1	24-04-2001	TW 399743 Y	21-07-2000
US 6027602	A	22-02-2000	US 6248670 B1	19-06-2001
EP 0444714	A	04-09-1991	AT 389959 B	26-02-1990
			AT 295887 A	15-07-1989
			AT 104470 T	15-04-1994
			AT 105972 T	15-06-1994
			CA 1309929 C	10-11-1992
			DE 3889073 D1	19-05-1994
			DE 3889672 D1	23-06-1994
			EP 0316296 A2	17-05-1989
			EP 0444714 A1	04-09-1991
			JP 1988089 C	08-11-1995
			JP 5283395 A	29-10-1993
			JP 7015150 B	22-02-1995
			JP 1240682 A	26-09-1989
			JP 1811510 C	27-12-1993
			JP 5014791 B	25-02-1993
			KR 9701008 B1	25-01-1997
			KR 120321 B1	22-10-1997
			US 4903717 A	27-02-1990